**Cluster 3 on multiplication and delivery systems of improved genetics and Cluster 4: Policy and institutional support**

Theory of Change: Overall Ok

* But how to integrate it with feed, health, institutions and policies by species

**2018 Deliverables and activities**

Size of new activities depends on budget, so can be adjusted up and down if/when required

New deliverables

* Guidelines on delivery options for small ruminants in pastoral and mixed farming systems (Ethiopia and Kenya, possibly other countries): joint ICARDA and ILRI. It will include a gender component **(3)**
  + Activities and resources needed: develop joint protocol (starting Oct 2017); hold workshop, with other partners; drafting guidelines; packaging and adapting them to specific contexts
* **(4)** Policy briefs on delivery options for dairy cattle (Tanzania), linked to ADGG

Rephrased deliverable (based on the ICARDA planned deliverable for SR)

* **(3 & 4)** Protocol and draft guidelines for institutional arrangements for certification of improved sires (bulls, rams and bucks), across systems; joint ICARDA and iLRI
  + Activities and resources needed: joint workshop with national partners

New activity (no deliverable in 2018)

* **(4)** Joint ILRI ICARDA proposal on testing and implementing the guidelines for certification of improved sires

[Integration of health is implicit—eg Sire certification processes,

Integration of feed—central—eg implementation and adoption of outputs from tools—FEAST and Tech-Fit]